

## ABSTRACT

A medical device with anti-microbial properties to prevent infections. This medical device, such as an in-dwelling catheter, has a portion that is insertable into the body of a patient and accessible from outside the body once the portion is inserted. The portion has  
5 an outer wall, a first active lumen within the outer wall, and a false lumen within the outer wall in which the false lumen has a distal portion and a proximal portion. The false lumen contains an anti-microbial agent that provides the outer wall with anti-microbial properties. The distal portion of the false lumen is sealed. The false lumen may be adjacent to the first active lumen. The medical device may also contain a second active lumen, wherein the first  
10 active lumen is an inlet lumen and the second active lumen is an outlet lumen. Alternatively, the false lumen may surround the first active lumen.